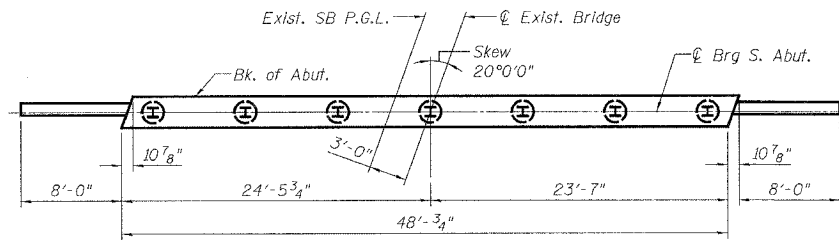


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

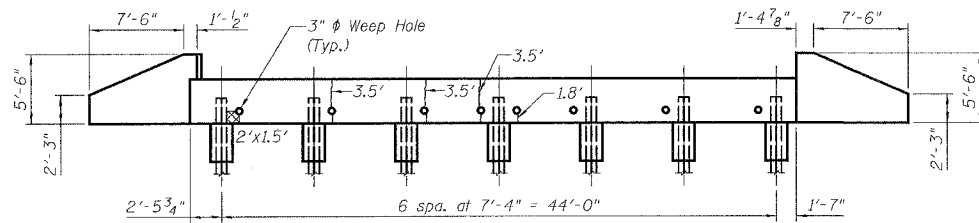
| | | | | |
|-----------------------|---------|----------|------------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAI-55 | ** | WILL | 505 | 384 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT | |

** SECTION 2006-032 BY
CONTRACT NO. 60B86

SHEET NO. 11
16 SHEETS

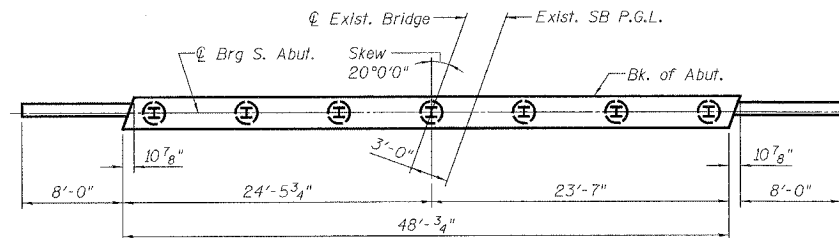


SOUTH ABUTMENT PLAN (SB)

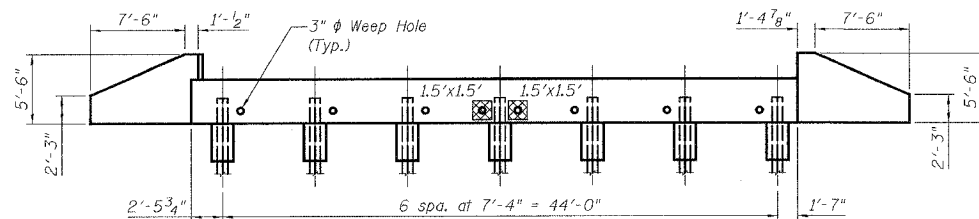


SOUTH ABUTMENT ELEVATION (SB)

(Looking South)

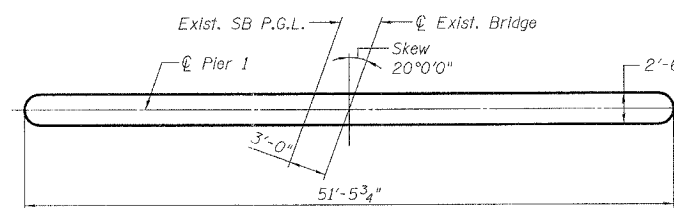


NORTH ABUTMENT PLAN (SB)

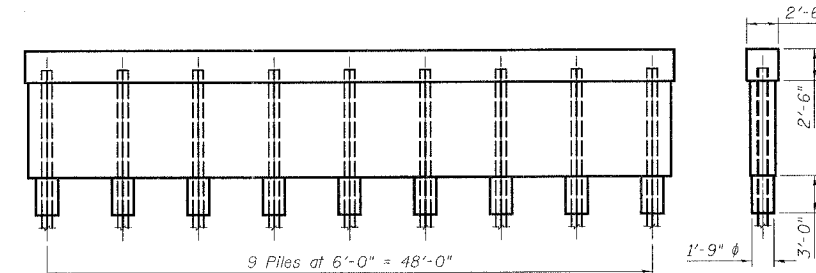


NORTH ABUTMENT ELEVATION (SB)

(Looking North)



PIER 1 PLAN (SB)

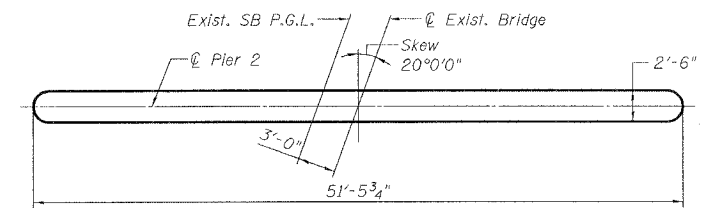


PIER 1 ELEVATION (SB)

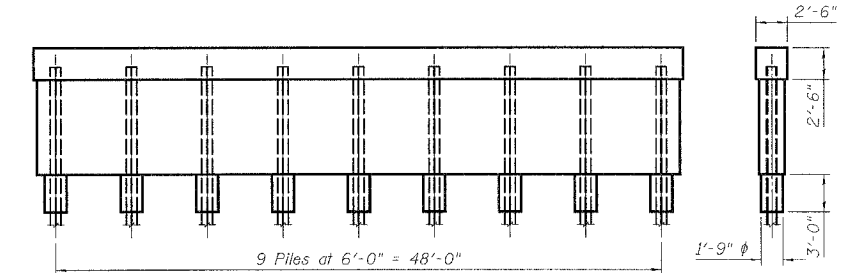
(Looking South)

END VIEW

(Looking East)



PIER 2 PLAN (SB)

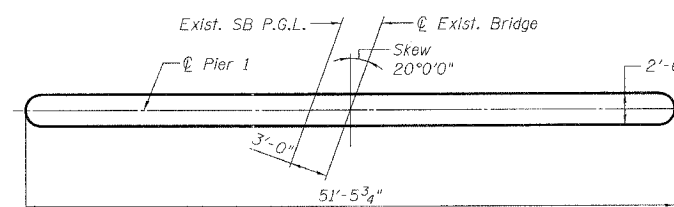


PIER 2 ELEVATION (SB)

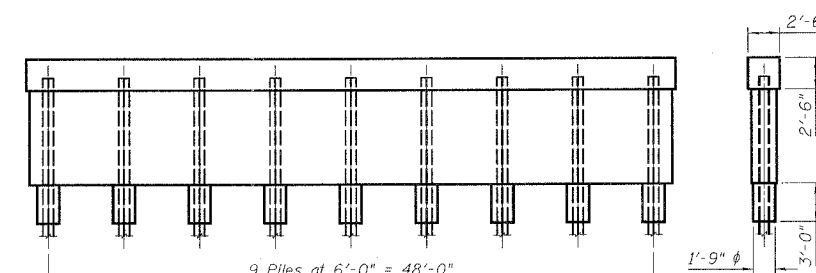
(Looking South)

END VIEW

(Looking East)



PIER 1 PLAN (SB)

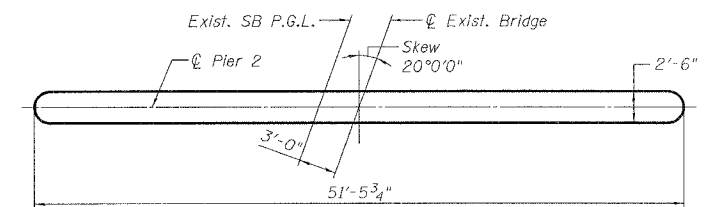


PIER 1 ELEVATION (SB)

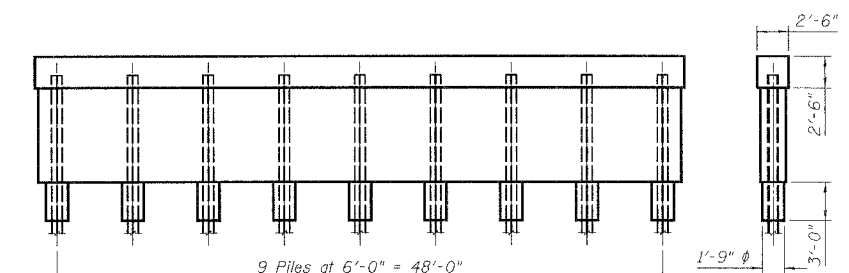
(Looking North)

END VIEW

(Looking West)



PIER 2 PLAN (SB)



PIER 2 ELEVATION (SB)

(Looking North)

END VIEW

(Looking West)

NOTES:

- Existing reinforcing bars that have been cut and/or damaged during repair operations shall be supplemented by new in kind reinforcing bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. A mechanical bar splicer shall be used when it is not feasible to provide the minimum bar lap. No welding of bars shall be performed. See Special Provisions.
- Crack widths shown to be repaired are 1/8" ± 1/16" unless otherwise noted.

LEGEND

- Spalled or Unsound Concrete
- Crack Length to be repaired (in feet)

BILL OF MATERIALS

| Item | Unit | Total |
|---|---------|-------|
| Structural Repair of Concrete < = 5 in. | Sq. Ft. | 7.0 |
| Epoxy Crack Sealing | Foot | 13 |

| | |
|----------|------------|
| DESIGNED | S.CHELBIAN |
| CHECKED | A.HAMMAD |
| DRAWN | S.CHELBIAN |
| CHECKED | J.GRAINAWI |

Date: 6/30/2006

SUBSTRUCTURE REPAIRS I (SB)
I-55 OVER MINK CREEK
FAI ROUTE 55-SEC. 2006-032 BY
WILL COUNTY
STA. 630+07.11
STRUCTURE NO. 099-4615 (NB)
STRUCTURE NO. 099-4616 (SB)

